

Abstract of the Disclosure

A method for allocating a dedicated channel for transmitting a packet at a code division multiple access (CDMA) media access control (MAC) layer control unit to transmit a packet data between a mobile station (MS) and a base station (BS) in a CDMA mobile communication system including the MS and the BS, includes the steps of: when the packet is generated, by a MAC layer control unit of the MS, determining a service option of the packet; if the service option of the packet is link-oriented, requesting to allocate a dedicated control channel (DCCH) and receiving the DCCH; requesting to allocate a dedicated traffic channel (DTCH) and receiving the DTCH; and transmitting the packet via the DTCH.